YOUNG CHANG SILICONE CO LIMITED

Room 803, Chevalier House, 45-51 Chatham Road South, Tsim Sha Tsui, Kowloon HK

System Component	System Designation	System Class
STW-B, STW-B-XX	YCI-130	130(B)

Report Date: 2006-11-01

alternate constructions: Table I

Construction Details (Table I)

The use of this insulation system is limited to the combination of materials specified below. Where more than one item is designated under insulation function, they may be used toget indicated, or they may be used as alternates to one another. Functions designated "optional" are not necessarily required for every design. Insulation thicknesses and/or layers below minimum.

Filament Wire

Additional Ground & Interwinding insulation ***is not*** required to separate this winding from other windings or between this winding and grounded/dead metal
Recognized Component Single and Multi-Layer Insulated Winding Wire (OBJT2) listed below
Recognized Component Appliance Wiring Material (AVLV2) listed below
Unless otherwise noted, winding wire types listed below may be used in combination within a single product

YOUNG CHANG SILICONE CO LIMITED [E242198] - Recognized Component		
STW-B	3.7 (0.09)	Single- and Multi-layer Insulated Winding Wire - C
STW-B-XX	3.7 (0.09)	Single- and Multi-layer Insulated Winding Wire - C

Enameled Wire

Recognized Component - Magnet wire (OBMW2), single build or greater, round or rectangular, copper or aluminum unless stated otherwise for the types listed below
Ground Insulation is required to separate this winding from grounded/dead metal
Interwinding Insulation ***is*** required to separate this winding from other enameled wire
Unless otherwise noted, Winding Wire types listed below may be used in combination within a single product

ANSI Type	Temp(°C)	Basecoat(Topcoat)
MW 28	and 130°C	Polyurethane (Polyamide)
MW 75	and 130°C	Polyurethane
MW 79	or 155°C	Polyurethane
MW 80	or 155°C	Polyurethane (Polyamide)
MW 82	or 180°C	Polyurethane
MW 83	or 180°C	Polyurethane (Polyamide)

Ground and Interwinding Insulations

Designation	mils(mm)	comments
CELANESE INTERNATIONAL CORP [E344082] - Recognized Component		
ZENITE 6130(+)	11.8 (0.3)	
CELANESE INTERNATIONAL CORP [E41938] - Recognized Component		
Crastin SK665FR(f1)	11.8 (0.3)	
Rynite FR530(I)(+)(f1), FR530L(I)(+)(f1)	11.8 (0.3)	
DuPont Specialty Products USA LLC [E39505] - Recognized Component		
Kapton® 100H, 100HN, 100HN-S, 100H-ZT, 100HN-ZT, 100FPC-ZT, 100TAB-ZT, 100PST, 100HA, 100TN, 100V, 100VN, 100FPC, 100FPC-A, 100HPP-ST	1 (0.03)	
DuPont Specialty Products USA, LLC [E34739] - Recognized Component		
Nomex® 410	2 (0.05)	
E. I. Dupont de Nemours & Co.		
Mylar MO	1 (0.03)	
Resonac Corporation [E42956] - Recognized Component		
CP-J-8800, CP-J-NAF, CP-J-F(N) *** this product is no longer Recognized ***	15.7 (0.4)	
Resonac Techno Service Corporation [E514814] - Recognized Component		
CP-J-8800, CP-J-NAF, CP-J-F(N)	15.7 (0.4)	
SUMITOMO BAKELITE CO LTD [E41429] - Recognized Component		
SUMIKON PM-9630	15.7 (0.4)	
SUMIKON PM-9750	15.7 (0.4)	
SUMIKON PM-9820, PM-9825	15.7 (0.4)	
SUMIKON PM-9850	15.7 (0.4)	

any sheet insulation or tape described in this table with no minimum thickness requirement may be used as a minor sheet material

Tapes

tapes are optional for this system

Designation	comments
3M COMPANY [E17385] - Listed or Recognized Component	
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Spacer and Wedges

spacer and wedges are optional for this system

Designation	comments
E. I. Dupont de Nemours & Co.	
Nomex Board	

any material described in this table with no thickness requirement may be used as a spacer or a wedge